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REGIONAL MUNICIPALITY OF HALDIMAND-NORFOLK

COUNTY ECONOMIC PROFILE

Economic Development Branch
Office of Economic Policy
Ministry of Treasury & Economics

February 1979

ATTENTION		INITIAL	
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HALDIMAND-NORFOLK

COUNTY REGION/PROFILE

SUMMARY

	POPULATION	SHARE OF COR
1971 ¹	86,714	1.9
1976 ¹	89,252	1.8
1976 ²	86,841	1.7
1978 ²	86,668	1.7
1986 ³	126,000	2.1
2001 ³	170,000	2.4

	AVERAGE ANNUAL % CHANGE
1971-'76 ¹	0.6
1976-'78 ²	- 1.5
1976-'86 ³	3.5
1986-2001 ³	2.0

1. Census 2. Assessed 3. Projected, Economic Development Branch

LABOUR FORCE

Labour Force

1971	36,925
1976	41,645

* Projected Labour Force

1986
2001

A.A % Change 1971-76 2.4

A.A % Change 1976-86 1986-2001:

* Economic Development Branch, December, 1978

SOURCE: Stats Canada, 1976 Census, 94-801, 1971 Census 94-703

INCOME 1976 income per capita:

County \$ 4,966

Province \$ 6,009

SOURCE: Taxation Statistics 1976

Economic Structure

Dominant Sectors	# Employed	% of Total County	% of COR
1. Community, Business and Personal Sv. Ind.	5,850	16.0	0.8
2. Agriculture & Other Primary	9,640	26.3	15.7
3. Manufacturing	7,135	19.5	0.9
All Sectors	36,620	100.0	1.2

SOURCE: Stats Canada, 1971 Census 94-741



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Employment

As at June 1976, total employment is 39,815 for the county.

SOURCE: Stats Canada 1976 Census 94-801

Unemployment

As at June 1978, unemployment rate is (No. 54) 7.7 (No. 55) 5.9 for the UIC region of (No. 54) Brant, Haldimand-Norfolk, Wentworth, Niagara, (No. 55) Elgin, Oxford, Norfolk, Middlesex.

SOURCE: Stats Canada, Labour Force Survey; 71-001

Layoff/Termination

During X, X layoffs and X terminations have been reported by manufacturing industries.

SOURCE: Layoff/Termination Report, Ministry of Labour

Key Manufacturing Establishments, 1975

The three major plants are American Can (500-999)
Essex International (200-499)
Canadian Cannery (200-499)

employing a total of 1,363 persons, or 22.5 % of county/RM employment in 1975.

SOURCE: Census of Manufacturers, Statistics Canada 1. 41 - 227

2. 42 - 210

3. 32 - 218

New Manufacturing Establishments

Average annual increase was - establishments for 1973-75 and - for 1975-77.

SOURCE: MIT Annual Report.

Municipal Taxes and Assessment, 1976

	Equalized Assessment		Taxes	
	\$	% of Total	\$	% of Total
Residential and Farm	694,143,425	79.5	4,481,378	43.5
Industrial and Commercial*	126,024,917	14.4	1,105,168	10.7

Special Tabulation, Municipal Finance Branch, 1978

* Excludes business.

Industrial Land

Has X acres of industrial land of
which X acres are vacant/available
Projected demand by X is X acres.

SOURCE:

Water and Sewers

1976

	Water	Sewer
* Committed development Population	24,259	24,259
Maximum Residual Population	22,627	16,587
Uncommitted Reserve Population	-1,632	-7,672

* For definitions refer to Section 8, water and sewer.

SOURCE: MOE

Transportation

Improvements to Highway 3, 59

SOURCE: MTC and MNA; Construction Program 1978-79

POPULATION CHANGE, 1971 - 1976, CENTRAL ONTARIO REGION

HALDIMAND-NORFOLK

Census Subdivision	1971 Pop	1976 Pop	Change +/-	% Share of		Average Annual % Change
				Increase	Decrease	
CITY						
Nanticoke	19,695	19,489	-206	-	43.1	- 0.2
TOWNS						
Dunnville	11,422	11,642	220	7.3	-	0.4
Simcoe	12,970	14,189	1,219	40.4	-	1.8
Haldimand	14,937	16,375	1,438	47.7	-	1.9
TOWNSHIPS						
Delhi	15,481	15,209	-272	-	56.9	- 0.4
Norfolk	11,427	11,528	101	3.3	-	0.2
Indian Reserves	782	820	38	1.3	-	1.0
TOTAL	86,714	89,252	2,538	100.0	100.0	0.6

SOURCE: Statistics Canada, 1976 Census. Catalogue 92-804.

POPULATION CHANGE, 1976- 1977 CENTRAL ONTARIO REGION

HALDIMAND-NORFOLK

Municipality	1976	1977	Change +/-	% Share of		% Change 76/77
	Pop	Pop		Increase	Decrease	
Anticoke	18,928	19,053	125	33.4	-	+ 0.7
Brantville	11,497	11,398	- 99	-	56.6	- 0.9
Cambridge	14,144	14,179	35	9.7	-	+ 0.2
Halimand	16,293	16,411	118	31.5	-	+ 0.7
Thi	14,890	14,986	96	25.7	-	+ 0.6
Norfolk	11,039	11,013	- 76	-	43.4	- 0.7
Halimand-Norfolk	86,841	87,040	199	100.0	100.0	+ 0.2

SOURCE: Enumeration Population, Municipal Directory, T. & E.

LABOUR FORCE AND PARTICIPATION RATE, 1976

Census Division or Subdivision	Labour Force			Participation Rate		
	M	F	T	M	F	T
Haldimand-Norfolk	25,685	15,960	41,645	77.5	48.1	62.8
Nanticoke C.	5,865	3,365	9,225	79.1	47.2	63.4
Dunnville T.	3,210	1,925	5,130	76.2	43.5	59.3
Haldimand T.	4,915	2,680	7,590	81.5	45.7	63.8
Simcoe T.	3,895	2,555	6,450	74.2	44.8	58.9
Delhi Twp.	4,355	3,075	7,425	75.4	54.1	64.8
Norfolk Twp.	3,290	2,305	5,600	78.1	56.3	67.3

SOURCE: Statistics Canada, Census of Canada, Labour Force, 1976

Catalogue No. 94-802

94-803

 LABOUR FORCE BY MAJOR INDUSTRY GROUPS

SIC DIVISIONS	LABOUR FORCE					
	1951		1961		1971	
	#	%	#	%	#	%
Agriculture and other primary	11,349	44.4	11,205	37.8	9,640	26.3
Manufacturing	4,618	18.1	5,304	17.9	7,135	19.5
Construction	1,539	6.0	1,734	5.9	2,620	7.2
Transportation, Communications, Utilities	1,317	5.1	1,674	5.6	2,105	5.7
Trade	2,951	11.5	3,770	12.7	4,875	13.3
Finance, Insurance and Real Estate	427	1.7	566	1.9	900	2.5
Community, business and personal services	3,131	12.2	3,704	12.5	5,850	16.0
Public administration and Defense	N.A.	-	1,245	4.2	1,405	3.8
Industry not stated	251	1.0	434	1.5	2,085	5.7
Total	25,583	100.0	29,636	100.0	36,615	100.0

Source: Statistics Canada, Census of Canada, Labour Force,
 1951 Vol. IV, 1961 Cat. 94-522, 1971 Cat. 94-741.

KEY MANUFACTURING ESTABLISHMENTS IN HALDIMAND-NORFOLK

<u>COMPANY</u>	<u>1975 EMPLOYEES</u>
Haldimand-Norfolk	
American Can	(500-999)
Essex International	(200-499)
Canadian Cannery	(200-499)
Wabasso Limited	(200-499)
Canada Wire and Cable	(200-499)

SOURCE: Census of Manufacturers, Statistics Canada.

Catalogue Nos: 1. 41-227
2. 42-210
3. 32-218
4. 34-205
5. 43-209

All data are 1976
unless otherwise noted

WALDEN-PORTFOLK

STP - Sewage Treatment Plant
WW - Waterworks
MGD - Millions of gallons per day
NA - Not available

Area	Population Served	(MGD) Current Capacity	(MGD) 1976 Flows	Residual Capacity (MGD)	Residual Capacity (lots)	Residual Capacity Population	Lots Pending	Per Capita Flow Average	Per Capita Flow Maximum
Delhi	STP 3691	.70	.441 (avg)	.259	989	2176	146	119	NA
	WW 3691	1.5	1.54 (max)	0	0	0	146	NA	417
Nanticoke (Jarvis)	STP 1143	.112	.112 (avg)	0	0	0	0	307	NA
	WW 1133	.2	.174 (max)	.026	53	106	0	NA	154
Waterford	STP 2459	.47	.34 (avg)	.13	(Lagoon biologically overloaded)	294	294	138	NA
	WW 2459	.776	.22 (max)	.556	3134	6170	294	NA	90
Port Dover	STP 2561	.9	1.05 (avg)	0	0	0	1769	410	NA
	WW 3231	2.3	.737 (max)	1.56	3309	6012	1769	NA	229
Port Rowan	STP 795	.10	.05 (avg)	.05	323	794 ^A	198	63	NA
	WW 795	.50	.145 (max)	.355	910	1951	198	NA	182
Simcoe	STP 12,172	3.23	NA	NA	3421	9086 ^B	2069	173	NA
	WW 12,172	3.30	NA	.318	446	1561 ^C	2069	NA	NA
Dunnville	STP 5448	1.7	.939 (avg)	.761	1541	0 ^D	514	172	NA
	WW 5448	3.5	2.33 (max)	1.17	955	2740	514	NA	427

All data are 1976
unless otherwise noted

WALDVIAND-NORFOLK (continued)

STP - Sewage Treatment plant
WW - Wastewater
MGD - Millions of gallons per day
NA - Not available

Area	Population Served	(MGD) Current Capacity	(MGD) 1976 Flows	Residual Capacity (MGD)	Residual Capacity (lots)	Residual Capacity Population	Lots Pending	Per Capita flow: Average	Maximum
Hagersville	STP 2526 WW 2562	.20 .72	.35 (avg) .534 (max)	0 .186	0 322	0 894	233 233	137 NA	NA 208
Caledonia	STP 3699 WW 3669	.50 1.04	.36 (avg) .644 (max)	.14 .40	824 688	2801 ^E 2285	832 832	97 NA	NA 175
Cayuga	STP 1133 WW 1143	.20 .240	.11 (avg) .235 (max)	.09 .004	317 7	920 20	76 76	97 NA	NA 206

*Calculated from the residual capacity in MGD using the average (for STP) or maximum (for WW) per capita flows.

- A - Lagoon limited to 1600 persons total
- B - Capacity limited to 22,060 persons total by stream assimilation capacity
- C - Calculated from residual capacity in lots at a rate of 3.5 persons per lot
- D - Plant is organically overloaded
- E - Lagoon limited to 6500 people total

SOURCE: Gill Casonato and Bruce Creamer, MOE

ALL DATA ARE
1976

WALDMOND-NORFOLK - RESIDUAL CAPACITY POPULATION

Area	SEWERS			WATER		
	Committed * Development Population	Maximum Residual Population	Uncommitted Reserve Population	Committed * Development Population	Maximum Residual Population	Uncommitted Reserve Population
Delhi	511	2,176	1,665	511	0	-511
Nanticoke (Jarvis)	0	0	0	0	186	186
Waterford	1,029	0	-1,029	1,029	6,178	5,149
Port Dover	6,192	0	-6,192	6,192	6,812	620
Port Rowan	693	794	101	693	1,951	1,258
Simcoe	10,042	9,080	-154	10,042	1,561	-8,481
Dunnville	1,799	0	-1,799	1,799	2,740	941
Hagersville	815	0	-815	815	894	79
Caledonia	2,912	2,801	-111	2,912	2,285	-627
Cayuga	266	920	662	266	20	-246
TOTALS	24,259	16,507	-7,672	24,259	22,627	-1,632

*'s that can have both
maximum residual population ---- 4,660
uncommitted reserve population - 101

*Notes: Estimated from the jobs pending at a rate of 3.5 persons per job.

Source: GILL Carbonate and Bruce Creamer, MOE.

Transportation

- The M.T.C. construction programme for 1978-79 includes grading, drainage, granular base, paving and structure on Highway 3, from Norfolk County Road 5, Renton, westerly to 0.7 miles west of Simcoe West Limits excluding 0.2 miles at Highway 24 and including widening of the Lynn River Bridge. The same type of work is being done on Highway 59 from Norwich South Limits southerly to east junction Highway 3, including 1.2 miles of resurfacing on Highway 3 from Delhi south Limits easterly and intersection improvements at Highway 3 and Norfolk County Road 17.

RECENT DEVELOPMENTS

Stelco Developments

1. Existing Development

- . The Nanticoke development is 70% complete and construction is on schedule for first steel production in spring of 1980. The ultimate annual production capacity is estimated at 1.35 million tons while target for the first year production is set at 800,000 tons.
- . Present on-site employees are about 500. Construction workers are about 1,200. Stelco's estimated employment requirement is set at 1,350 in-plant workers for start up.
- . Stelco expects a total employment of 1,350 by 1980 and hiring is now in progress. Around 500 will be transfers from Hamilton.
- . Stelco expects an ultimate employment of 6,000 workers by the late 1980's and early 1990's. A spin-off of 1,500 to 2,000 workers will be expected.
- . This figure is somewhat optimistic in view of the fact that the growth rate in the steel industry has slowed down in the last four years to 3.3 per cent from 5.8 per cent in the period 1966-75.
- . A number of other factors should also be considered. Among others, these include domestic demand, world market considerations, labour unions, energy, the exchange rate and so on. A target production of 6 million tons per year in addition to the current 6 million tons is considered ambitious. It would

entail expansion of domestic market and extension to the world market. In view of fluctuating economic conditions in the steel industry, this target will be subject to revision at all times.

2. Proposed Development

- . In June 1979, Stelco announced a five-year \$365 million expansion program to meet a rising demand for new types of steel products. This program will generate 400-500 jobs at the two plants at Nanticoke and Hamilton. Associated with the program will be 1,200 - 1,500 construction jobs. This expansion plan reflects the changing market where the emphasis is on steel of higher strength and greater tolerances.
- . This new expansion will add an additional annual production of 1.3 million tons to the existing national production of 6 million tons per year in Hamilton, Edmonton and Quebec, and the estimated capacity of 1.35 million tons annually at the Nanticoke development.

Prospects of Ontario's Steel Industry

Gary McKeever's recent study on the primary iron and steel industry in Ontario has summarized the following observations:

- . By most indices, the Ontario steel industry in 1978 had its best year since 1974. Shipments by the "Big Three" integrated producers grew by 10 per cent while dollar sales rose by 23 per

cent. Earnings per common share reached record levels at Dofasco and Algoma and also performed well at Stelco. Only at Algoma, however, did return on capital invested exceed the average of the past ten years.

- . This strong performance was based largely on export sales by the steel industry and its customers, mainly to the U.S. Contributing factors to this export boom were: the fourth successive year of growth in the U.S., the relative efficiency of Ontario producers, the cheap Canadian dollar and effective anti-dumping measures imposed by the U.S. in the spring of 1978 to exclude cut-price steel from Europe and Asia.
- . Due to capacity constraints and lower inventories, quantities of steel shipped in 1979 cannot be expected to maintain their 1978 growth rates. However, rising prices and variation of product mix will contribute to continued strong growth in dollar sales and profits.
- . For the end of 1979 and into 1980, the industry's prime concerns are the possibility of a U.S. recession and of further delays in the Alaska pipeline.
- . In the long term, the Ontario steel industry is in a strong position to benefit from a likely future shortage of steel in the U.S. as obsolete plants in that country are shut down.

It appears that optimism in Ontario's steel industry will continue to influence the local economies of Hamilton-Wentworth, Niagara, Brant and Haldimand-Norfolk where employments in this industry are concentrated.

3. Stelco Industrial Park

- . Stelco has allocated 2,400 acres of its Lake Erie site for the industrial park to be developed in 10 stages and 3 phases over the long term.
- . Based on a ratio of 5-8 workers per acre, the Nanticoke industrial park will accommodate 12,000 to 19,000 workers over the long term.
- . Stage 1 of Phase 1 development consists of the following:
 - A 300-acre subdivision which has been serviced and zoned for heavy and light industrial uses. It consists of 20-25 lots ranging from 2-32 acres.
 - An industrial mall with 68,000 sq.ft. of leasing space for heavy industries.
 - A commercial centre with services and facilities such as banking, restaurant and recreation.
- . This phase of development is expected to be occupied by 1984 with an estimate of about 1,500 to 2,400 workers. About 30 acres have been sold to seven industries employing about 80 workers (see attached list).
- . The company is now pursuing an active marketing program both domestically and abroad. Response to it has been encouraging.

- . The Nanticoke industrial park will probably provide an impetus for growth in the region in the light of the following:

- it represents the largest single tract of industrial land in Ontario (and North America) and allows for any company's long-term plans;
- competitive pricing -- the present price range of serviced industrial land of \$32,000 to \$36,000 per acre can be compared to \$50,000-70,000 per acre in Hamilton, \$60,000-\$90,000 per acre in Burlington and \$80,000-\$150,000 per acre in Toronto;
- . accessibility by rail and water and highway to large markets and services: water, sewage.

Other Developments

- . Texaco Refinery

Construction is complete. Petroleum production is at about 80,000 barrels per day. The plant's capacity is 95,000 barrels per day. About 65% of the finished products are shipped by the Trans Northern Pipeline, 20% by lake tankers, 10% by tank trucks, 5% by tank cars.

Recent Proposed Economic Initiatives

- . A \$2.5 million ^{plant} ~~permit~~ processing plant near Delhi
- . A \$30 million ship building and repair dock along the Nanticoke shore by Port Weller Dry Docks of St. Catharines, a subsidiary of the Upper Lakes Shipping Company of Toronto.
- . A 250-acre development for docking facility in Port Maitland. Environmental assessment in progress.
- . An economic development committee (chaired by the Simcoe mayor) has the top priority to promote and acquire industrial land with a capital forecast of \$500,000 per year for the coming five years.

Townsend, An Update

- . The plan for the first phase of development of Townsend was announced and presented to the Council in February, 1979. In June, Council accepted senior staff recommendation to proceed with Townsend providing sewer and road agreements are finalized.
- . Water agreements have been signed with Province since mid-1977. Road agreement will be coming up before Council. December 1979 has been set as target date for a sewer agreement with the province.
- . The major objective of this proposed development is to provide affordable housing for the incoming population.

. The proposal:

- First stage of development will consist of 1,600 housing units to accommodate 5,000 people by 1984. A \$2.7-million civic centre is also included.
- Phase 1 will consist of 315 units to house a population of around 1,000. A 1980 start-up date has been recommended for this phase.
- Housing in Townsend will be geared to those whose annual income is in the 15,000-\$19,000 range. Prices of houses will range from \$25,000 to \$75,000 with the majority ranging from \$38,000 to \$48,000.
- Proposed development agreements also include the following:
 - i) temporary sewage lagoon to serve Townsend costing \$1.5 million;
 - ii) province to construct an access road to the site at \$3.4 million;
 - iii) "front-end" money for a central water and sewer system that will also serve Jarvis and Hagersville.

. There is local apprehension about the 1980 start-up date for Townsend that the new development will detract existing developments from Simcoe and the other urban centres.

- . At present there are enough housing units currently proposed for Haldimand-Norfolk to meet demands until 1981. A survey of 11 urban centres show a total of 1,190 existing vacant lots across the region, 569 units in draft-approved subdivisions and 1,909 units in active subdivision proposals.
- . The 1980 start-up date for Townsend is based on the Region's projected increase of 20,000 by 1986. The present inventory of vacant lots will house about 11,000 and a short fall in housing will be expected in the mid-1980's.

Land Use Issues

- . Official Plan of Haldimand-Norfolk has been approved by Ministry of Housing in June 1979.
- . Several sections have been deferred: those dealing with rural residential severance requirements, Ontario Hydro special service corridors, policy dealing with development in Norfolk Township near Tillsonburg, regulation of residential construction within three km. of the Stelco, Texaco and Hydro boundaries.
- . Until the OP is totally approved and district plans completed, former township's OPs will be considered planning policy.
- . Rural severances policy pending resolution between Ministry of Housing and Region.

- . Tillsonburg-Norfolk Planning Committee newly set up to look into the development issues in the Tillsonburg and Norfolk boundary area.

Tourism

- . Belongs to the Niagara and Mid-western Ontario Travel Association.
- . Is in the "Festival Country" tourist area.
- . Contributes \$3,474 to the organizations, i.e. 0.04¢/capita.
- . Has six travel counsellors.
- . Long Point Development
 - future development is quite limited
 - has over-supply of campsites now.

SELECTED ECONOMIC INDICATORS
IN HALDIMAND-NORFOLK

- . Labour Force, 1971, 1978
- . Population, 1971, 1976, 1978
- . Manufacturing Employment, 1978
- . Building Permits, 1972-79
- . Value of Construction, 1972-79
- . Housing Starts, 1977, 78, 79
- . No. and Amount of ODC Loans, 1967-79
- . Tourism - Commercial Accommodation, 1974-78
 - Private and Public Camping Facilities, 1974-78
 - Boating Facilities, 1974-78
 - Cross-Country Skiing Facilities, 1974-78
 - Snowmobiling Facilities, 1974-78

Economic Development Branch
Office of Economic Policy
Ministry of Treasury and Economics
August, 1979

DISTRIBUTION OF LABOUR FORCE IN HALDIMAND-NORFOLK, 1978-78

(By Place of Work)

	<u>1971</u>	<u>1978</u>
Agriculture	28.0	25.9
Forestry, Fishing, Mining	0.9	0.72
Manufacturing	18.4	17.3
Construction	7.8	7.8
Transportation, Communication and Utility	6.5	6.7
Trade	13.8	14.1
Fire	2.3	2.8
Community Business Personal Services	16.9	18.4
Public Administration	4.3	3.6
Others	1.0	0.6
	100.0	100.0

Economic Development Branch, 1979

Source: 1971 Statistics Canada
1978 Treasury Estimates

POPULATION DISTRIBUTION IN HALDIMAND-NORFOLK, 1971, 1976, 1978

MUNICIPALITIES	1971	1976	1976/71	1978	1978/76
RM Haldimand-Norfolk	86,714	89,252	+2,538	86,668	-2,584
Urban Centres					
Nanticoke	16,695	19,489	+2,794	18,829	- 660
Simcoe	12,970	14,189	+1,219	14,093	- 96
Dunnville	11,422	11,642	+ 220	11,408	- 234
Haldimand	14,937	16,375	+1,438	16,427	+ 52
Delhi	15,481	15,209	- 272	14,931	- 278
Norfolk	11,427	11,528	+ 101	10,980	- 548

Economic Development Branch

Source: Statistics Canada
Municipal Directory, Assessed Population, 1978

DISTRIBUTION OF MANUFACTURING EMPLOYMENT IN HALDIMAND-NORFOLK, 1978

Municipalities	No. of Firms	Total No. of Employees		Total
		Production Workers	Office Workers	
Simcoe	35	2,400	331	2,731 (47.7)
Nanticoke	21	380	60	440 (7.7)
Dunnville	21	836	104	940 (16.4)
Haldimand	28	1,035	90	1,125 (19.7)
Delhi	10	414	73	487 (8.5)
Total, Haldimand-Norfolk	115	5,065	658	5,723 (100.0)

Economic Development Branch, 1979

SOURCE: Scott's Directory, 1978.

NUMBER OF BUILDING PERMITS ISSUED IN HALDIMAND-NORFOLK, 1972-1979

Municipalities	1972	1973	1974	1975	1976	1977	1978	1979 (Jan-Mar)	Total 1972-78	Average Per Year
Delhi	22	30	30	139	70	73	80	10	454	63
Dunnville	19	59	63	54	139	40	3	2	377	54
Haldimand	-	-	125	207	162	82	90	48	666	133
Nanticoke	-	-	69	241	99	51	107	16	567	113
Norfolk	-	-	37	61	44	50	56	4	248	50
Simcoe	102	255	176	249	93	148	77	8	1,100	157
Total, Haldimand-Norfolk	143	344	500	951	607	444	413	88	3,412	570
Total, Brant	561	1,624	997	2,061	1,446	1,305	459	37	8,453	1,208
Total, Hamilton-Wentworth	4,610	4,108	4,830	5,465	4,070	2,767	1,603	237	27,453	3,922
Total, Niagara	4,816	4,301	3,759	3,584	4,240	2,738	2,433	264	25,871	3,696

Economic Development Branch, 1979

Source: Statistics Canada.



TOTAL VALUE OF CONSTRUCTION IN HALDIMAND-NORFOLK, 1972-1979

(\$'000's)

Municipalities	1972	1973	1974	1975	1976	1977	1978	1979 (Jan-Mar)	Total 1972-78	Average Per Year
Delhi	446	1,096	2,397	6,795	4,569	3,715	4,994	755	24,012	3,430
Dunnville	981	1,219	2,469	3,327	5,145	3,467	176	239	16,784	2,398
Haldimand	-	-	3,935	8,222	5,932	5,372	7,975	2,113	31,436	6,287
Nanticoke	-	-	3,695	60,645	6,553	3,751	12,599	2,763	87,243	17,449
Norfolk	-	-	2,943	5,280	3,075	3,494	5,982	865	20,774	4,155
Simcoe	3,620	5,719	7,026	8,499	7,875	5,192	7,138	580	45,069	6,438
Total, Haldimand-Norfolk	5,047	8,034	22,465	92,728	33,149	24,991	38,864	7,315	225,318	40,157
Total, Brant	15,911	39,996	42,917	49,840	50,577	49,656	23,634	2,893	272,531	38,933
Total, Hamilton-Wentworth	99,707	101,551	162,886	213,606	144,237	155,063	137,883	36,006	1,014,933	144,990
Total, Niagara	118,504	145,215	132,781	157,066	166,160	131,186	139,442	18,823	990,354	141,479

Economic Development Branch, 1979

Source: Statistics Canada

NO. OF HOUSING STARTS IN THE HALDIMAND-NORFOLK AREA, 1977-79

Counties	1977	1978	1979 (Jan-April)
Haldimand-Norfolk	268	388	55
Simcoe	88	156	7
Dunnville	33	43	2
Haldimand	90	81	32
Nanticoke	57	108	14
Brant	1,026	761	42
Hamilton-Wentworth	2,402	1,503	797
Niagara	2,522	2,553	242

Economic Development Branch, 1979

Source: Statistics Canada.

TOTAL NUMBER AND AMOUNT OF ODC LOANS GRANTED IN HALDIMAND-NORFOLK, 1967-79

Municipalities	Total No. of Loans	Total Amount of Loans
Simcoe	11	\$ 1,134,724
Dunnville	7	\$ 409,769
Port Dover	26	\$ 347,433
Cayuga	2	\$ 196,500
Nanticoke	3	\$ 519,500
Caledonia	1	\$ 47,500
Lowbanks	8	\$ 22,423
Port Maitland	4	\$ 14,683
Selkirk	1	\$ 3,783
Moulton Twp.	1	\$ 100,000
N. Cayuga Twp.	1	\$ 30,000
Delhi	3	\$ 293,000
Waterford	1	\$ 35,000
Total, Haldimand-Norfolk	69	\$ 3,088,031

Economic Development Branch, 1979

Source: Ontario Development Corporation

Note: Above loans include performance loans, industrial mortgage loans, tourist industry loans, small business loans, OBIP loans, performance fishery loans and term fishery loans.

COMMERCIAL ACCOMMODATION IN THE HALDIMAND-NORFOLK AREA, 1974-1978

Counties	No. of Establishments			Total No. of Units		
	1974	1978	1978/74	1974	1978	1978/74
Haldimand-Norfolk	53	54	1.9	615	617	0.3
Brant	20	20	-	537	537	-
Hamilton-Wentworth	66	65	- 1.5	1,722	1,722	-
Niagara	288	320	11.1	8,847	9,530	7.7
Southern Ontario	4,278	4,162	- 2.7	85,360	85,392	-0.03

Economic Development Branch, 1979

Source: Ontario Recreation Supply Inventory, Ministry of Natural Resources.

COMMERCIAL ACCOMMODATION UNITS IN THE HALDIMAND NORFOLK AREA, 1974-1978

Counties	Hotels and Motels			Cottages, Cabins and Lodges		
	1974	1978	1978/74	1974	1978	1978/74
Haldimand-Norfolk	447	447	-	163	165	+ 1.2
Brant	536	536	-	1	1	-
Hamilton-Wentworth	1,707	1,696	-0.6	10	21	+110.0
Niagara	8,170	8,791	+7.6	559	611	+ 9.3
S. Ontario	64,445	64,826	+0.6	20,448	20,206	- 1.2

Economic Development Branch, 1979

Source: Ontario Recreation Supply Inventory, Ministry of Natural Resources

PUBLIC AND PRIVATE CAMPING FACILITIES IN THE HALDIMAND-NORFOLK AREA, 1974-78

Counties	No. of Campgrounds		No. of Campsites		Campground Acreage	
	1974	1978	1974	1978	1974	1978
Haldimand-Norfolk	46	47	3,506	3,686	800	1,034
Brant	11	11	1,386	1,486	247	267
Hamilton-Wentworth	18	17	3,039	2,539	622	723
Niagara	40	40	10,230	10,297	1,231	1,344
S. Ontario	1,366	1,389	104,691	108,170	26,227	28,541

Economic Development Branch, 1979

Source: Ontario Recreation Supply Inventory, Ministry of Natural Resources.

PRIVATE CAMPING FACILITIES IN THE HALDIMAND-NORFOLK AREA, 1974-78

Counties	No. of Campgrounds		No. of Campsites		Campground Acreage	
	1974	1978	1974	1978	1978	1978
Haldimand-Norfolk	34	34	2,038	2,038	378	411
Brant	9	9	806	806	72	77
Hamilton-Wentworth	15	14	2,836	2,336	460	519
Niagara	34	34	9,628	9,640	1,090	1,145
S. Niagara	1,158	1,154	77,347	78,846	15,496	16,294

Economic Development Branch, 1979

Source: Ontario Recreation Supply Inventory, Ministry of Natural Resources.

PUBLIC CAMPING FACILITIES IN THE HALDIMAND-NORFOLK AREA, 1974-1978

Counties	No. of Campgrounds		No. of Campsites		Campground Acreage	
	1974	1978	1974	1978	1974	1978
Haldimand-Norfolk	12	13	1,468	1,648	422	623
Brant	2	2	580	680	175	190
Hamilton-Wentworth	3	3	203	203	162	204
Niagara	6	6	602	657	141	199
S. Ontario	208	235	27,344	29,324	10,731	12,247

Economic Development Branch, 1979

Source: Ontario Recreation Supply Inventory, Ministry of Natural Resources.

BOATING FACILITIES IN THE HALDIMAND-NORFOLK AREA, 1974-1978

Counties	Total Sites		Docking Space (Metres)		Wet Movings		Launch Ramp Capacity	
	1974	1978	1974	1978	1974	1978	1974	1978
Haldimand Norfolk	41	41	1,060	1,104	2,082	1,538	54	56
Brant	5	5	-	-	-	-	8	8
Hamilton-Wentworth	8	9	18	265	365	414	8	7
Niagara	30	29	1,076	1,056	1,204	1,437	37	39
S. Ontario	3,336	3,496	155,708	172,567	58,907	66,525	2,999	2,939

Economic Development Branch, 1979

Source: Ontario Recreation Supply Inventory, Ministry of Natural Resources.

CROSS COUNTRY SKIING FACILITIES IN THE HALDIMAND-NORFOLK AREA, 1974-1978

Counties	Total Sites		Total Length of Trails		Activity Acreage	
	1974	1978	1974	1978	1974	1978
Haldimand-Norfolk	-	4	-	18.2	-	-
Brant	7	7	-	-	642	642
Hamilton-Wentworth	21	21	48	49.8	484	484
Niagara	11	13	11	6.5	483	2,687
S. Ontario	460	594	1,304.0	1,826.9	54,617	79,727

Economic Development Branch, 1979

Source: Ontario Recreation Supply Inventory, Ministry of Natural Resources.

SNOWMOBILING FACILITIES IN THE HALDIMAND-NORFOLK AREA, 1974-1978

Counties	Total Sites		Total Length of Trails (metres)		Activity Acreage	
	1974	1978	1974	1978	1974	1978
Haldimand-Norfolk	6	12	20	19	155	60
Brant	5	6	-	0.5	206	206
Hamilton-Wentworth	15	15	31	35	435	435
Niagara	10	9	8	8.3	829	1,018
S. Ontario	442	611	2,488.4	2,529.5	66,551	69,733

Economic Development Branch, 1979

Source: Ontario Recreation Supply Inventory, Ministry of Natural Resources.

LIST OF MAJOR MANUFACTURING FIRMS

IN HALDIMAND-NORFOLK, 1978

Economic Development Branch
Ministry of Treasury and Economics
August 1979

DISTRIBUTION OF MANUFACTURING EMPLOYMENT IN HALDIMAND-NORFOLK, 1978

Municipalities	No. of Firms	No. of Employees		Total
		Production Workers	Office Workers	
Simcoe	35	2,400	331	2,731 (47.7)
Nanticoke	21	380	60	440 (7.7)
Dunnville	21	836	104	940 (16.4)
Haldimand	28	1,035	90	1,125 (19.7)
Delhi	10	414	73	487 (8.5)
Total, Haldimand-Norfolk	115	5,065	658	5,723 (100.0)

Economic Development Branch, 1979

SOURCE: Scott's Directory, 1978.

Manufacturing Employment in Simcoe, Regional Municipality of Halldimand-Norfolk, 1978

Name of Company	Products	Employees Production + Office	Head Office	Parent Company
American Can. of Canada Ltd.	Metal/composite cans	415 + 60	Rexdale	Comm, USA
C.F. Anderson Concrete Product Ltd.	Concrete blocks	4 + 2	NA	-
Beatrice Foods (Ont.) Limited	Food: milk, ice cream	60 + 9	Kingston	-
Borg-Warner (Can) Limited	Auto Parts	100	Toronto	Morse Chain Div. Ithaca, N.Y.
Canada Wire and Cable Limited	Magnet wires	184 + 46	Toronto	-
Canadian Cannery Limited	Food: soups, etc.	205 + 11	-	-
Canadian Leaf Tobacco Co. Ltd.	Raw Leaf Barley and flue cured tobacco	NA	-	Virginia, USA.
Cannery Machinery Limited	Factory Machinery, conveyors, cable lines etc.	36 + 11	Hamilton	-
Canvil Limited	Steel pipe fittings, valves, etc.	180 + 28	-	Penn - USA
Cayuga Materials and Construction Co. Limited	Construction = concrete etc.	100	Cayuga	-
Cook's Sheet Metal Simcoe Ltd.	Auto Parts	5	Simcoe	-
Dathos Limited	Machinery for tobacco processing	6 + 2	Simcoe	-
F.N. Debrandere Cement Products	Cement Products	2	Simcoe	-
Dundas Foundry Co. Limited	Fans	15 + 2	Simcoe	-
Pick's Forest Products	Industrial Lumber	10	Simcoe	-
Innes Wood Mfg. Limited	Wood Products	41 + 3	Simcoe	-
J.B. Jackson Limited	Ice Cream	70	Simcoe	Toronto
Jax Mold and Machine Limited	Tire moulds, Auto parts	119 + 18	-	-
Kellogg Salada Can. Limited	Food: dessert, pie etc.	131 + 22	-	-
Lynn Valley Packers	Meat packers	2	Simcoe	-

Name of Company	Products	Employees Production + Office	Head Office	Parent Company
Nicholl's Bakery and Delicatessen	Food	5	Simcoe	-
Norfolk Co-operation Co. Limited	Livestock fertilizer	35 + 18	-	-
Pearce Publishing Co. Limited	Newspaper	26 + 26	-	-
Perm-O-Seal Automobile Limited	Radiator Sealer	2 + 1	-	-
Rand Specialties	Advertising Specialties	4 + 2	-	-
Ranger Safety Products Limited	Industrial textile (gloves)	116 + 16	-	-
Rassaun Steel Manuf. Co. Ltd.	Steel Fabrication	7 + 2	Nanticoke	-
S.F. Tubing Limited	Tube and Fittings	60 + 7	-	Wiscon. USA
Second Avenue Printing	Commercial printing	7	-	-
Shell Canada	Chemicals	12 + 2	Toronto	-
Simcoe Leaf Tobacco Co. Ltd.	Tobacco	400 + 32	-	-
Stone Front Printers Co. Ltd.	Printing	10 + 1	-	-
Tobacco Curing Systems Ltd.	Toronto	18 + 7	-	-
V.G. Packers	Food Processing	5	-	-
West Machinery Co. Limited	Machinery eg. boilers	8 + 3	-	-

Total No. of Firms = 35

2,400 + 331 = 2,731

SOURCE: Scott's Directory, 1978.

Manufacturing Employment in Nanticoke, Regional Municipality of Haldamand-Folk, 1978					
Name of Company	Products	Employees Production + Office	Location	Head Office	Parent Company
Burford Fertilizers Limited	Fertilizers	3 + 2	Waterford	Burford, Ont.	Quebec
Canadian Cannery Limited	Food processing	32 + 8	Waterford	Hamilton	-
Cash Crop Farming Publication Ltd. The Nanticoke Times Div.	Newspaper	5	Waterford	Delhi	-
Cunningham Marine	Boat Repair	1	Port Dover	-	-
James Dalby	Furniture, Wood	3	Waterford	-	-
D.B.B. Swarfega Limited	Chemicals	6 + 16	Waterford	-	England
Duo-Hect Distributors Ltd.	Machinery eg. air conditioning	60 + 13	Waterford	-	Toronto
George W. Endress Co. Limited	Textile	33 + 1	Waterford	Brantford	-
Harry Gamble Shipyard	Shipyard re-built diesel engines etc.	6	Port Dover	-	-
Harris Manufacturing	Machinery	8	Jarvis	-	-
Judd Gunstock	Furniture	6 + 1	Waterford	-	-
Misner Fertilizers Ltd.	Fertilizer	6 + 6	Port Dover	-	-
Henry Misner Limited	Food Packaging	108	Port Dover	-	-
Norfolk Cherry Co. Limited	Food Processing	Seasonal	Townsend	-	-
Norfolk Co-operative Co. Ltd.	Chemical Fertilizers	10 + 5	Waterford	-	-
The Port Dover Fish Co. Ltd.	Food Packaging	50 + 3	Port Dover	-	-
Port Dover Maple Leaf Ltd.	Printing	7	Port Dover	-	-
Port Dover Venetian Blinds Ltd.	Furniture & Fixtures	20 + 2	Port Dover	-	Toronto
Port Dover Lumber Limited	Lumber	7	Port Dover	-	-
Waterford Cabinet	Furniture	3 + 2	Waterford	-	-
Waterford Welding Limited	Metal	6 + 1	Waterford	-	-
Total No. of Firms = 21		380 + 60 = 440			
SOURCE: Scott's Directory, 1978.					

Name of Company	Products	Employees Production + Office	Location	Head Office	Parent Company
D-M Precision Products	Electronics	10 + 1	Dunnville	-	-
Dunnville Rock Products Ltd.	Construction Materials	15 + 3	Dunnville		
Evco Industries Limited	Chemicals	48 + 13	Dunnville	Toronto	England
Inter County Concrete Products Limited	Construction Material	6 + 3	Dunnville	-	-
Ithaca Gun Co. (Can Ltd.)	Sporting arms	4	Dunville	-	USA
Kesimaat Machine Shop	Machine Work	2	Dunnville	-	-
Lundy Steel Limited	Metal Products	140 + 28	Dunnville	-	Toronto
Thomas Mains Limited	Metal Products	7 + 2	Dunnville	-	-
Marshall Feeds and Farm Supplies	Grain mill products	5 + 2	Dunnville	-	-
Mateba Webbing of Canada, Ltd.	Textile	11 + 2	Dunville	-	-
Minor Bros Farm Supplies Ltd.	Poultry and Livestock	14	Dunnville	-	-
Pikor Fabrics Limited	Textile	5	Dunnville	-	-
S.G. Powell Shipyards Ltd.	Transportation Equipment	6 + 1	Dunnville	-	-
The Radius Co. Limited	Electronics	6	Dunnville	-	-
Regional Concrete Products & Building Supplies Limited	Concrete products	2	Dunnville	-	-
Reichel's Bakery Limited	Food	6	Dunnville	-	-
Robin Hood Multi-foods Ltd.	Processed Food	30 (275 seasonal)	Dunnville	P.Q.	Minn, USA
Thomson Newspaper Limited	Commercial Printing	14	Dunnville	Toronto	-

Name of Company	Products	Employees Production + Office	Location	Head Office	Parent Company
United Co-operatives of Ontario	Grain Mill Products	15	Dunnville	Mississauga	-
Wabasso Limited	Textile	475 + 50	Dunnville	Montreal	-
Wheeling Industries Ltd.	Primary Metals	15 + 2	Dunnville	-	Virginia, USA
Total No. of Firms = 21		836 + 104 = 940			

SOURCE: Scott's Directory, 1978.

Name of Company	Products	Employees Production + Office	Location	Head Office	Parent Company
Binbrook Wood Products Ltd.	Wood	30 + 4	Cayuga	-	-
Caistorville Feed Mill Ltd.	Grain Mill products	3 + 1	Canfield Haldimand	-	-
Canadian Gypsum Co. Ltd.	Gypsum Products	290 + 10	Hagersville	Toronto	Ill. USA
Cayuga Automatic Machining Ltd.	Machines	8 + 2	Cayuga	-	-
Cayuga Feed Mill	Livestock Feed	1 + 3	Cayuga	-	-
Cayuga Materials & Construction Co. Limited	Construction material	95 + 6	Cayuga	-	-
R.M. Clark Mfg. Limited	Agricultural Equipment	6	Caledonia	-	-
De Santis Industrial Spring Ltd.	Metal Products	6 + 1	Cayuga	-	-
Domtar Construction Materials Limited	Construction Materials	230 + 8	Caledonia	Montreal	Montreal
Elgin Stampings Ltd.	Metal Products	10 + 1	Cayuga	Cayuga	-
Fisherville Feed Mill	Grain mill product	1 + 1	Fisherville Haldimand	-	-
Fred's Meat Products Ltd.	Processed meat	2	Hagersville	-	-
The Grand River Sachem Ltd.	Printing	8	Caledonia	-	-
Hagersville Bakery	Baked goods	2	Hagersville	-	-
Hagersville Creamery Ltd.	Food	1 + 1	Hagersville	-	-
The Haldimand Press	Printing	5 + 3	Cayuga	-	-
Hewitt's Dairy Limited	Dairy Products	21	Hagersville	-	-
K & R Ready Mix	Concrete Products	9 + 2	Cayuga	-	-
Kohler Pattern Works	Metal Wood products	2	Cayuga	-	-
Livingston Industries Ltd.	Lumber & Wood products	250 + 35	Hagersville	Tillsonburg Oxford	-
G.H. Marshall & Son Lumber	Lumber products	6	Cayuga	-	-

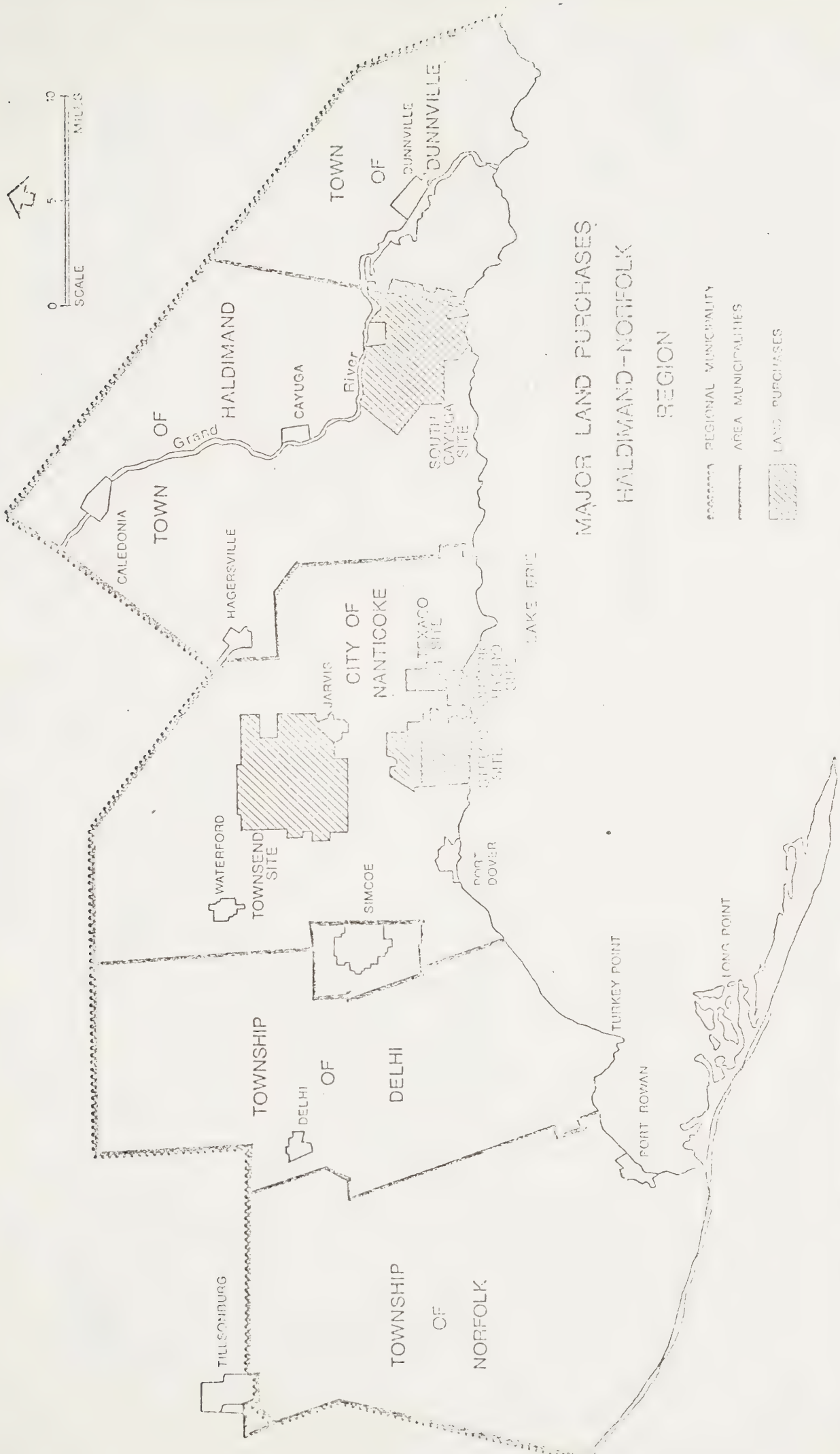
Name of Company	Products	Employees Production + Office	Location	Head Office	Parent Company
The National Ideal Co.	Chemicals	3	Caledonia	-	Georgia, USA
N. American Refractories Ltd.	Construction Materials	15 + 8	Caledonia	-	Ohio, USA
Oncida Concrete	Construction Materials	2	Hagersville	-	-
Wally Parr Meats	Meat Processing	6 + 2	Caledonia	-	-
St. Lawrence Resin Products Limited	Petro chemicals	11 + 2	Cayuga	Hamilton	Hamilton
United Co-operatives of Ontario	Grain Mills Products	8	Cayuga	Mississauga	-
United Co-operatives of Ontario	Grain Mills	4	Hagersville	Mississauga	-
Total No. of Firms = 28		1,035 + 90 = 1,125			

SOURCE: Scott's Directory, 1978.

Manufacturing Employment in Delhi in R.M. of Haldimand-Norfolk , 1978

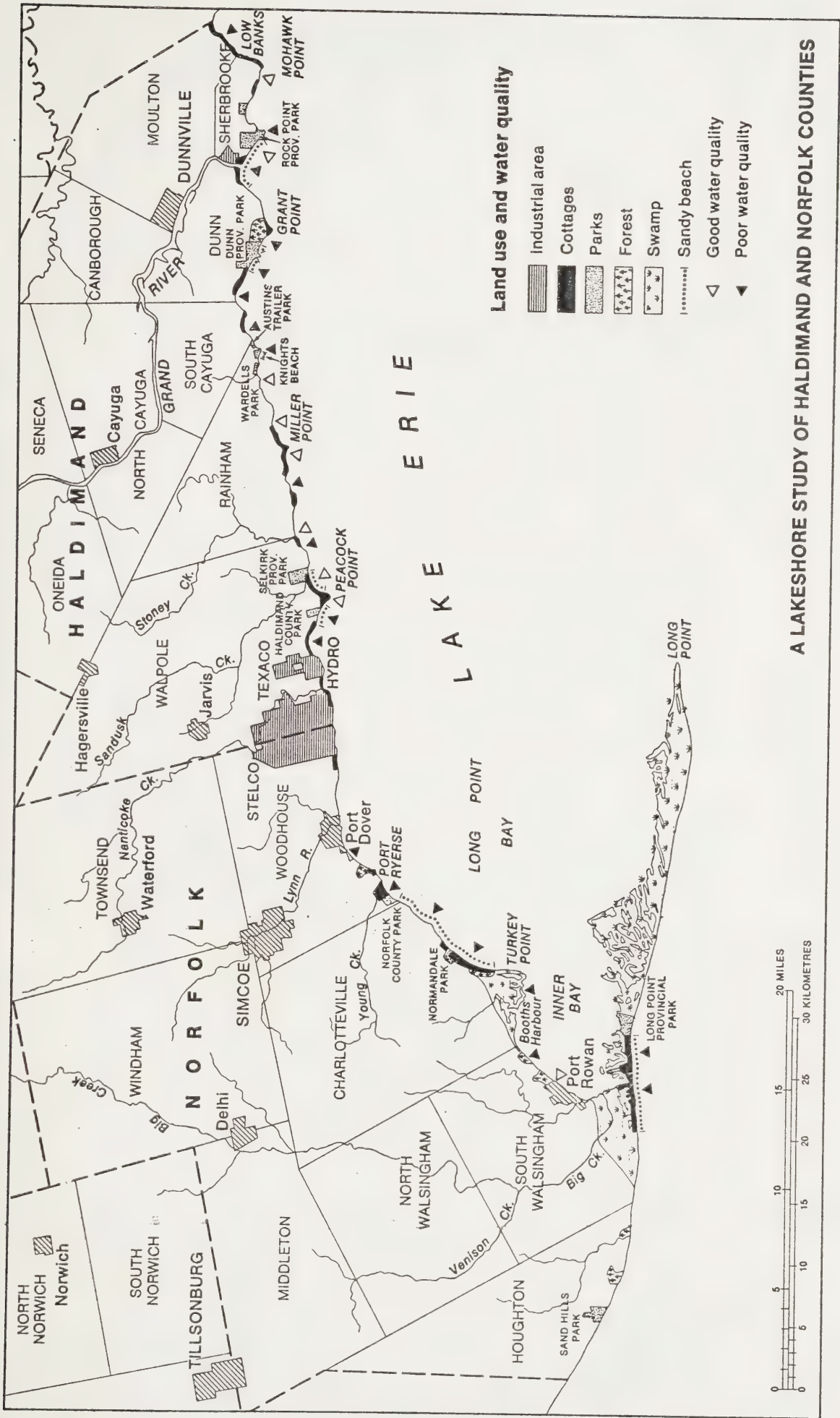
Name of Company	Product	Employees Production + Office	Location	Head Office	Parent Company
B & H Retail Limited	Tobacco products	33 + 5	Delhi	Montreal	-
Bright Leaf Industries Ltd.	Machinery	11 + 4	Delhi	-	N. Carolina USA
Cash Crop Farming Publications Limited	Printing	33	Delhi	-	-
Delhi Die & Mfg. Co. Ltd.	Machinery	7 + 3	Delhi	-	-
Delhi Foundry & Farm Machinery Limited	Primary Metal	41 + 15	Delhi	-	-
Delhi Industries	Machinery	78	Delhi	-	-
Delhi Metal Products Ltd.	Electrical machinery	200 + 43	Delhi	-	-
Pine Grove Packers	Meat Packers	2	Delhi	-	-
Space-Ray Heaters Ltd.	Metal products & machinery	5 + 3	Delhi	-	N. Carolina USA
Spicer's Bakery	Food	4	Delhi	-	-
Total No. of Firms = 10		414 + 73 = 487			

SOURCE: Scott's Directory, 1978.

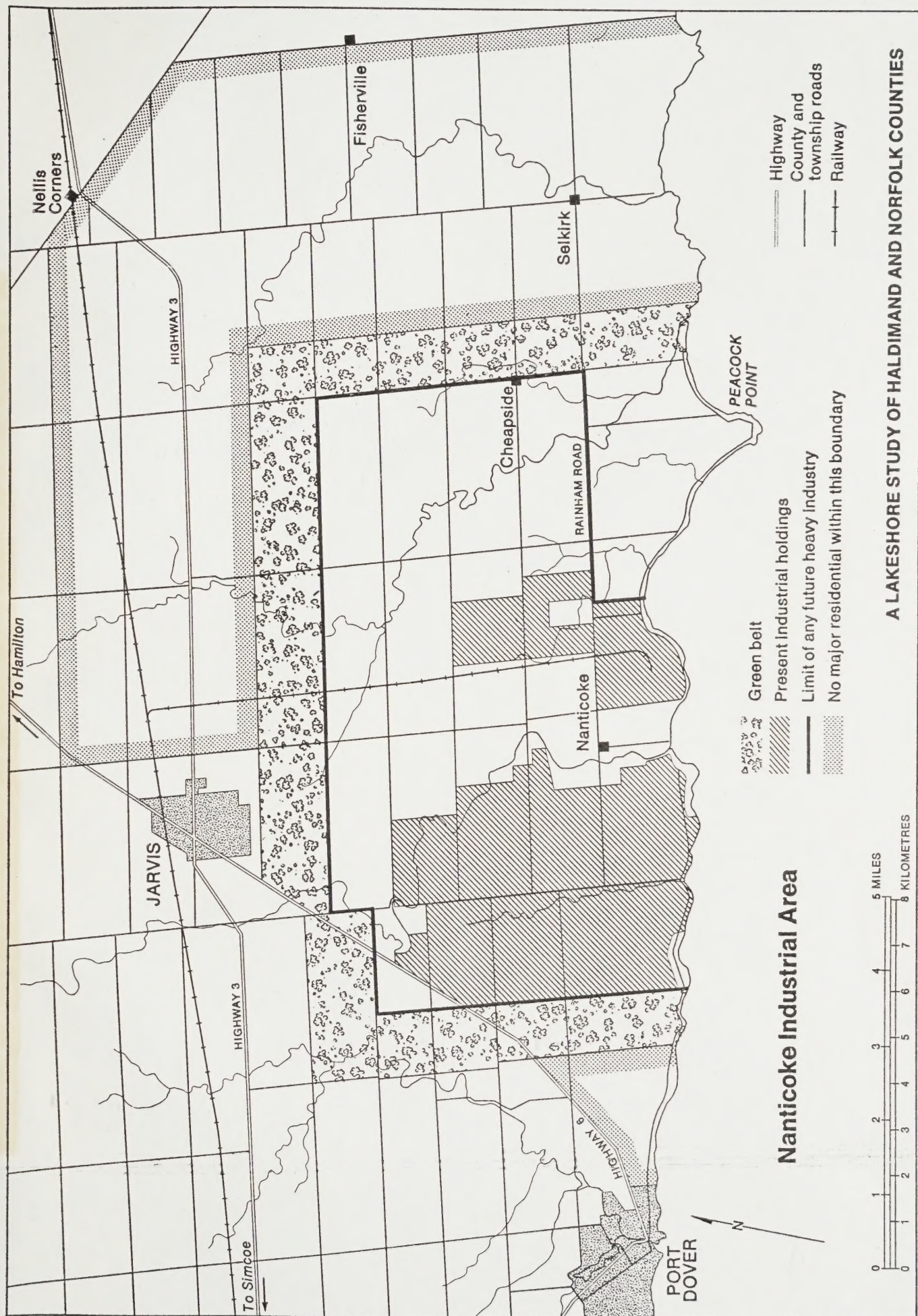




A LAKESHORE STUDY OF HALDIMAND AND NORFOLK COUNTIES



A LAKESHORE STUDY OF HALDIMAND AND NORFOLK COUNTIES



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